

**DECLARATION AND POWER OF ATTORNEY**In re Application of: David Standing, Jean-Pierre Sommadossi, Paolo Lacolla, Vadim Bichko, and Lin Qu

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original or joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: 2'-Branched Nucleosides and Flaviviridae Mutation the specification of which was filed on November 17, 2004 as U.S. Patent Application No. 10/715/729.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. *I understand that I have a duty of candor and good faith toward the Patent and Trademark Office*, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

<u>Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed Under 35 USC §119</u>
------------------------	----------------	--------------------	---

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

<u>60/426,675</u>	<u>15 November 2002</u>		
(Application No.)	(Filing Date)	(Application No.)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
-------------------------------	--------------------	---

None

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.


POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Madeline I. Johnston -36,174; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Rebecca J. Kaufman- 44,819; Shane A. Nichols-43,836; Robert Neufeld-48,394; William Isaacs-44,165; Michael S. Pavento-42,985; James M. Hannon-48,565; Natasha Horne Moffitt-53,340; Hoang M. Vo-47,158; Stephanie D. Adams-47,378; Suzanne Hollinger-51,811; Charles Thorpe Jr.-48,782; Michael L. Wach-54,517; Brent R. Bellows-54,709.

Send correspondence to: Sherry M. Knowles

King & Spalding
191 Peachtree Street, N.E., 45th Floor
Atlanta, Georgia 30303

Direct telephone calls at (404) 572-4600
Sherry M. Knowles

Full name of joint inventor: Jean-Pierre Sommadossi	Citizenship: FR
Inventor's signature:	Date:
Residence and Post Office Address: 7 Lowell Street, Cambridge, MA 02138	

Full name of joint inventor: Paolo LaColla	Citizenship: IT
Inventor's signature: 	Date: 08.24.2004
Residence and Post Office Address: 5 Strada no. 11, Poggio dei Pini, 09012 Capoterra, Cagliari Italy	

Full name of joint inventor: David Standring	Citizenship: GB
Inventor's signature:	Date:
Residence and Post Office Address: 205 Gun Hill St., Milton, MA 02186	

Full name of joint inventor: Vadim Bichko	Citizenship: US
Inventor's signature:	Date:
Residence and Post Office Address: 23 Clarendon Rd, Belmont MA 02478	

Full name of joint inventor: Lin Qu	Citizenship: CN
Inventor's signature:	Date:
Residence and Post Office Address: 308 Boston Ave. Apt. 37, Medford MA 02115 US	

POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Madeline I. Johnston -36,174; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Rebecca J. Kaufman- 44,819; Shane A. Nichols-43,836; Robert Neufeld-48,394; William Isaacs-44,165; Michael S. Pavento-42,985; James M. Hannon-48,565; Natasha Horne Moffitt-53,340; Hoang M. Vo-47,158; Stephanie D. Adams-47,378; Suzanne Hollinger-51,811; Charles Thorpe Jr.-48,782; Michael L. Wach-54,517; Brent R. Bellows-54,709.

Send correspondence to: Sherry M. Knowles
King & Spalding
 191 Peachtree Street, N.E., 45th Floor
 Atlanta, Georgia 30303

Direct telephone calls at (404) 572-4600
 Sherry M. Knowles

Full name of joint inventor: Jean-Pierre Sommadossi	Citizenship: FR
Inventor's signature:	Date:
Residence and Post Office Address: 7 Lowell Street, Cambridge, MA 02138	

Full name of joint inventor: Paolo LaColla	Citizenship: IT
Inventor's signature:	Date:
Residence and Post Office Address: 5 Strada no. 11, Poggio dei Pini, 09012 Capoterra, Cagliari Italy	

Full name of joint inventor: David Standring	Citizenship: GB
Inventor's signature:	Date:
Residence and Post Office Address: 205 Gun Hill St., Milton, MA 02186	

Full name of joint inventor: Vadim Bichko	Citizenship: US
Inventor's signature: <i>Vadim Bichko</i>	Date: 11/25/03
Residence and Post Office Address: 23 Clarendon Rd, Belmont MA 02478	

Full name of joint inventor: Lin Qu	Citizenship: CN
Inventor's signature:	Date:
Residence and Post Office Address: 308 Boston Ave. Apt. 37, Medford MA 02115 US	

POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Madeline I. Johnston -36,174; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Rebecca J. Kaufman- 44,819; Shane A. Nichols-43,836; Robert Neufeld-48,394; William Isaacs-44,165; Michael S. Pavento-42,985; James M. Hannon-48,565; Natasha Horne Moffitt-53,340; Hoang M. Vo-47,158; Stephanie D. Adams-47,378; Suzanne Hollinger-51,811; Charles Thorpe Jr.-48,782; Michael L. Wach-54,517; Brent R. Bellows-54,709.

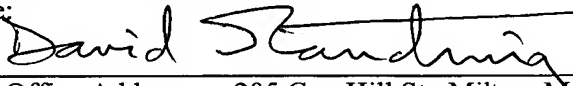
Send correspondence to: Sherry M. Knowles

King & Spalding
191 Peachtree Street, N.E., 45th Floor
Atlanta, Georgia 30303

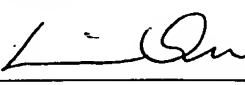
Direct telephone calls at (404) 572-4600
Sherry M. Knowles

Full name of joint inventor: Jean-Pierre Sommadossi	Citizenship: FR
Inventor's signature:	Date:
Residence and Post Office Address: 7 Lowell Street, Cambridge, MA 02138	

Full name of joint inventor: Paolo LaColla	Citizenship: IT
Inventor's signature:	Date:
Residence and Post Office Address: 5 Strada no. 11, Poggio dei Pini, 09012 Capoterra, Cagliari Italy	

Full name of joint inventor: David Standring	Citizenship: GB
Inventor's signature: 	Date: 12/13/03
Residence and Post Office Address: 205 Gun Hill St., Milton , MA 02186	

Full name of joint inventor: Vadim Bichko	Citizenship: US
Inventor's signature:	Date:
Residence and Post Office Address: 23 Clarendon Rd, Belmont MA 02478	

Full name of joint inventor: Lin Qu	Citizenship: CN
Inventor's signature: 	Date: 12/03
Residence and Post Office Address: 308 Boston Ave. Apt. 37, Medford MA 02115 US	

POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Madeline I. Johnston -36,174; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Charles E. Peeler-45,004; Rebecca J. Kaufman- 44,819; Shane A. Nichols-43,836; Robert Neufeld-48,394; William Isaacs-44,165; Michael S. Pavento-42,985; James M. Hannon-48,565; Natasha Horne Moffitt-53,340; Hoang M. Vo-47,158; Stephanie D. Adams-47,378; Suzanne Hollinger-51,811; Charles Thorpe Jr.-48,782; Michael L. Wach-54,517; Brent R. Bellows-54,709.

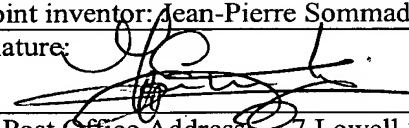
Send correspondence to: Sherry M. Knowles

King & Spalding

191 Peachtree Street, N.E., 45th Floor
Atlanta, Georgia 30303

Direct telephone calls at (404) 572-4600

Sherry M. Knowles

Full name of joint inventor: Jean-Pierre Sommadossi	Citizenship: FR
Inventor's signature: 	Date: 12/1/2003
Residence and Post Office Address: 7 Lowell Street, Cambridge, MA 02138	

Full name of joint inventor: Paolo LaColla	Citizenship: IT
Inventor's signature:	Date:
Residence and Post Office Address: 5 Strada no. 11, Poggio dei Pini, 09012 Capoterra, Cagliari Italy	

Full name of joint inventor: David Standring	Citizenship: GB
Inventor's signature:	Date:
Residence and Post Office Address: 205 Gun Hill St., Milton, MA 02186	

Full name of joint inventor: Vadim Bichko	Citizenship: US
Inventor's signature:	Date:
Residence and Post Office Address: 23 Clarendon Rd, Belmont MA 02478	

Full name of joint inventor: Lin Qu	Citizenship: CN
Inventor's signature:	Date:
Residence and Post Office Address: 308 Boston Ave. Apt. 37, Medford MA 02115 US	